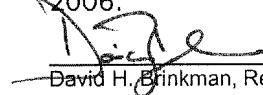


**CERTIFICATE OF ELECTRONIC  
TRANSMISSION**

I hereby certify that this correspondence for Application No. 10/537,980 is being electronically transmitted to Technology Center 1725, via EFS-WEB, on March 31, 2006.

 3/31/06  
David H. Brinkman, Reg. No. 40,532 Date

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Ingo Dunisch  
Serial No.: 10/537,980 (National Phase of International Application  
PCT/EP03/13022)  
Filed: December 8, 2005 (Priority Date Claimed December 9, 2002)  
Examiner: Unknown  
Group Art Unit: 1725  
Confirmation No.: 8716  
Title: **A COMPOUND BODY AND A PROCESS FOR THE PRODUCTION  
OF A MECHANICAL CONNECTION**  
Our Ref. No.: BEET-11

Cincinnati, Ohio

March 31, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**NOTIFICATION OF ERROR IN PAYMENT OF FILING FEE(S) AND  
REQUEST FOR CORRECTED FILING RECEIPT**

On June 8, 2005, a submission under 35 U.S.C. §371 was filed with the United States Patent and Trademark Office ("PTO") in the above-referenced case. It has now been discovered that an error was made in calculating the total number of claims by the United States Patent and Trademark Office and the

Applicant. This assertion of the total number of claims in this patent and the payment of fee(s) for the total number of claims were made in good faith.

Specifically, the Applicant paid for a total of 63 claims or 43 extra claims. The PTO charged the Applicant for 64 total claims or 44 extra claims as shown on the attached Patent Application Fee Determination Record. In reviewing the claims as filed in the above-referenced application, Applicant believes the total number of claims is in fact 67 or 47 extra claims. Since the Applicant has already paid for 44 extra claims, Applicant owes the PTO for 3 extra claims totaling \$150.00.

<u>Fee(s) Erroneously Paid</u>	<u>Fee Actually Paid</u>	<u>Deficiency Owed</u>
<input type="checkbox"/> Filing Fee paid on _____	\$ _____	\$ _____
<input checked="" type="checkbox"/> Fee for excess claims (over 20 paid on June 8, 2005.)	\$2,200	\$150.00
<input type="checkbox"/> Fee for multiple claims paid on _____.	\$ _____	\$ _____

**Total Deficiency Owed \$150.00**

The total deficiency owed is paid as follows:

- See electronic fee calculation sheet for \$150.00 fee for 3 extra claims.
- Authorization is hereby made to charge the amount of \$ \_\_\_\_\_
  - to Deposit Account No. 23-3000.
  - to Credit card as shown on the attached credit card information

authorization form PTO-2038

*Warning: Credit card information should not be included on this form as it may become public.*

- Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 23-3000.

Also, attached please find the U.S. Department of Commerce Patent and Trademark Office's Fee Record Sheet showing that the total filing fee paid by Applicant was \$3,590. With the deficiency of \$150.00 being paid herein by Applicant, the "Filing Fee Received" on the Filing Receipt should now be "\$3,740".

Secondly, attached is a copy of the Official Filing Receipt received from the PTO in the above-identified application for which issuance of a corrected filing receipt is respectfully requested.

The title is listed incorrectly as being "Composite body and method for producing a mechanical joint" rather than the correct title of "A Compound Body and a Process for the Production of a Mechanical Connection". Attached is a copy of the first page of the application as filed with the correct title of "A Compound Body and a Process for the Production of a Mechanical Connection".

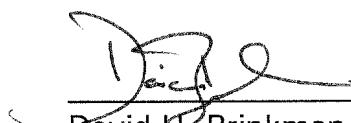
It is therefore respectfully requested that a new corrected filing receipt be issued to reflect the correction in the "Title" to "A Compound Body and a Process for the Production of a Mechanical Connection" and correction in the "Filing Fee Received" to "\$3,740".

Applicant has submitted herewith the \$150.00 fee for the deficiency of the filing fee. If any additional fees are necessary to complete this communication, the

Commissioner is hereby authorized to charge any underpayment or fees associated with this communication or credit any overpayment to Deposit Account No. 23-3000.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.



---

David H. Brinkman  
Reg. No. 40,532

2700 Carew Tower  
441 Vine Street  
Cincinnati, Ohio 45202-2917  
(513) 241-2324 - Voice  
(513) 421-7269 - Facsimile

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective December 8, 2004

Application or Docket Number

10/537980

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
U.S. NATIONAL STAGE FEES		
BASIC FEE	SMALL ENT. = \$ 150	LARGE ENT. = \$ 300
EXAMINATION FEE	Satisfies PCT Article 33(1)- (4) = \$ 50 / \$ 100	All other situations = \$ 100 / \$ 200
SEARCH FEE	U.S. is ISA = \$ 50 / \$ 100 ALL other countries = \$ 200 / \$ 400	All other situations = \$ 250 / \$ 500
FEE FOR EXTRA SPEC. PGS.	minus 100 =	/ 50 =
TOTAL CHARGEABLE CLAIMS	64 minus 20 =	44
INDEPENDENT CLAIMS	2 minus 3 =	-
MULTIPLE DEPENDENT CLAIM PRESENT	Y <input checked="" type="checkbox"/>	

\* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE	OTHER THAN SMALL ENTITY
RATE	RATE
BASIC FEE	BASIC FEE 360
EXAM. FEE	EXAM. FEE 200
SEARCH FEE	SEARCH FEE 400
X \$ 125 =	X \$ 250 =
X \$ 25 =	X \$ 50 = 2200
X \$ 100 =	X \$ 200 =
+\$ 180 =	+\$ 360 = 360
TOTAL	OR TOTAL 3460

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

SMALL ENTITY	OTHER THAN SMALL ENTITY
RATE	ADDI- TIONAL FEE
X \$ 25 =	X \$ 50 =
X \$ 100 =	X \$ 200 =
+\$ 180 =	+\$ 360 =
TOTAL ADDIT. FEE	OR TOTAL ADDIT. FEE

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

SMALL ENTITY	OTHER THAN SMALL ENTITY
RATE	ADDI- TIONAL FEE
X \$ 25 =	X \$ 50 =
X \$ 100 =	X \$ 200 =
+\$ 180 =	+\$ 360 =
TOTAL ADDIT. FEE	OR TOTAL ADDIT. FEE

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION SERIAL NO. 10/537980

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
Fee Record Sheet

06/14/2005 GFREY1 00000118 10537980

01 FC:1631 300.00 OP  
02 FC:1633 200.00 OP  
03 ~~FC:1632~~ 500.00 OP  
04 FC:1617 130.00 OP  
05 FC:1615 2150.00 OP  
06 FC:1616 360.00 OP

Regin. Ref: 12/01/2005 JANDERSO 0010071600  
DRAFTED/SEARCHED Name/Number:10537980  
FC: 9264 \$50.00 CR

12/01/2005 JANDERSO 00000004 10537980

01 FC:1642 400.00 OP  
01 FC:1615 50.00 OP

03 FC:1632

-500.00 OP

PTO-1556  
(5/87)


**RECEIVED  
UNITED STATES PATENT AND TRADEMARK OFFICE**

2006 MAR -2 AM 11:28

WOOD, HERRON &amp; EVANS

 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/537,980	12/08/2005	1725	3590 \$3,740	BEET-11	12	57	2

\$3,740

**CONFIRMATION NO. 8716**

 26875  
 WOOD, HERRON & EVANS, LLP  
 2700 CAREW TOWER  
 441 VINE STREET  
 CINCINNATI, OH 45202

**FILING RECEIPT**


\*OC000000018110593\*

Date Mailed: 02/23/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Ingo Dunisch, Wiesbaden, GERMANY;

**Power of Attorney:** The patent practitioners associated with Customer Number **26875**.

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/EP03/13022 11/20/2003

**Foreign Applications**

GERMANY 102 57 477.4 12/09/2002

**Projected Publication Date:** 06/01/2006

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Composite body and method for producing a mechanical joint

 A Compound Body and a Process for the Production of a  
 mechanical Connection

**Preliminary Class**

228

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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**A Compound Body and a Process for the Production of a Mechanical Connection**

**Field of the Invention**

This invention relates to a compound body and a process for the production of a mechanical connection according to the preambles of the independent claims. In particular, compound bodies and manufacturing processes are concerned which can be used in applications which are to be airtight, e.g. lamps, in particular flash bulbs.

**Background of the Invention**

Figure 1 shows different known compound bodies and implicitly the production processes thereof. Figure 1a shows the vacuum-tight passage of a wire 10 through a glass wall 15. Here, the wire is preglazed as indicated by the dashed outline 16. Thereafter, it is melted into a glass tube end (figure 1a) or in a glass plate (figure 1b). In this case, glass and metal are chosen such that the courses of their coefficients of thermal expansion are as similar as possible from melting point to cooling ("fully adapted"). However, if this full adaptation is not possible, tension cracks may occur in the glass or the wire can separate from the glass. If for directly melting the metal into the glass the misadaptation therebetween is excessively great, the tension can be compensated for stepwise by intermediate glasses 17a to 17c and/or by a dome geometry 17d, as shown in figure 1c.

Figure 1d shows what is called a "cutting edge glassing", figure 1e shows "foil squeezing". Here, each metal partner 11, 13 is thin enough to compensate for the optionally